



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
MISSOURI OIL AND GAS COUNCIL

FORM OGC-3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

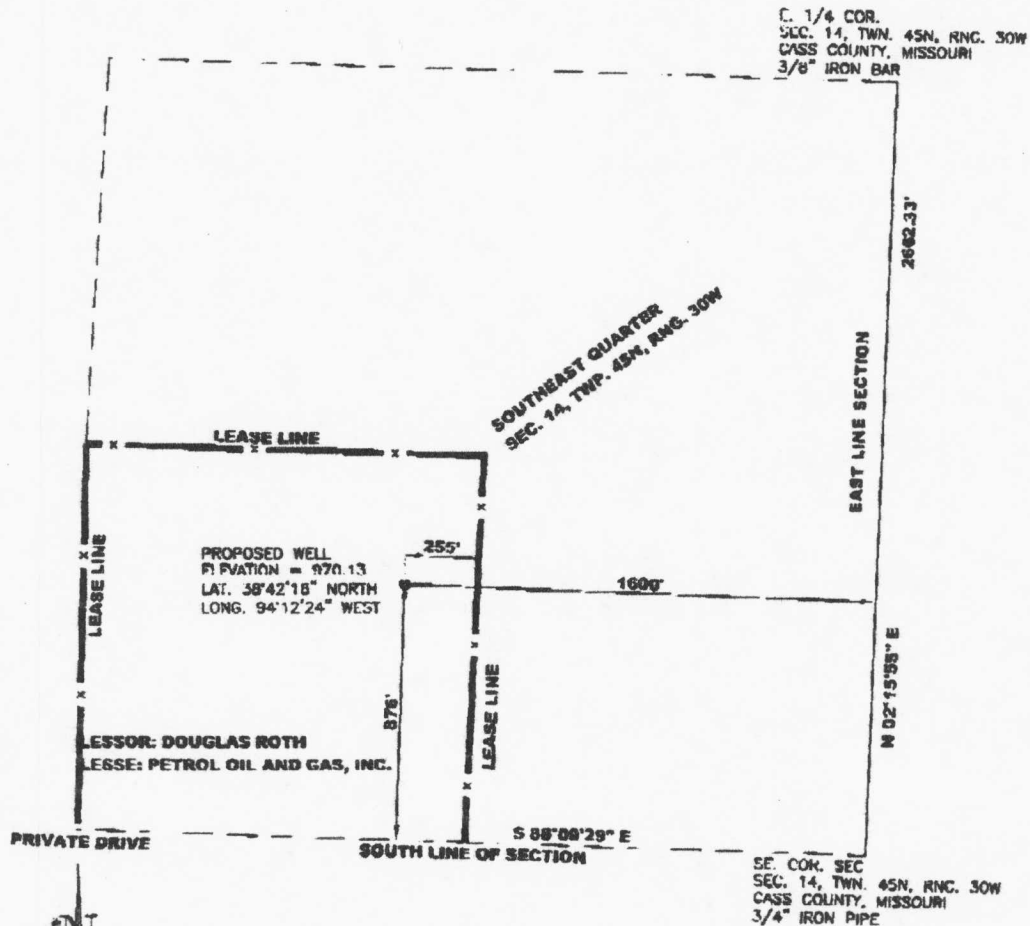
<input checked="" type="checkbox"/> APPLICATION TO DRILL		<input type="checkbox"/> DEEPEN		<input type="checkbox"/> PLUG BACK		<input checked="" type="checkbox"/> FOR AN OIL WELL		<input checked="" type="checkbox"/> OR GAS WELL	
NAME OF COMPANY OR OPERATOR <u>Petrol O.1 and Gas</u>						DATE <u>03/22/04</u>			
ADDRESS <u>7300 E. Patrick Ln Ste 26</u>						CITY <u>Las Vegas</u>		STATE <u>NV</u>	
DESCRIPTION OF WELL AND LEASE						ZIP CODE <u>89119</u>			
NAME OF LEASE <u>Doug Roth</u>				WELL NUMBER <u>14-1</u>		ELEVATION (GROUND) <u>970'</u>			
WELL LOCATION <u>876</u> FT. FROM (N) (S) SECTION LINE						(GIVE FOOTAGE FROM SECTION LINES) <u>1600</u> FT. FROM (E) (W) SECTION LINE			
WELL LOCATION <u>14</u>		SECTION <u>45</u>		TOWNSHIP <u>30</u>		RANGE		LATITUDE	
								LONGITUDE	
								COUNTY <u>CASS</u>	
NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE <u>255</u> FEET									
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE _____ FEET									
PROPOSED DEPTH <u>700'</u>		DRILLING CONTRACTOR, NAME AND ADDRESS <u>Moket-20 Box 590 Carey, KY 40333</u>				ROTARY OR CABLE TOOLS <u>Rotary</u>		APPROX. DATE WORK WILL START <u>3/22/04</u>	
NUMBER OF ACRES IN LEASE <u>301</u>		NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR <u>0</u>							
		NUMBER OF ABANDONED WELLS ON LEASE <u>0</u>							
IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME <u>N/A</u> ADDRESS _____						NO. OF WELLS: PRODUCING _____ INJECTION _____ INACTIVE _____ ABANDONED _____			
STATUS OF BOND		<input type="checkbox"/> SINGLE WELL AMOUNT \$ _____				<input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ <u>20,000</u>		<input type="checkbox"/> ON FILE <input checked="" type="checkbox"/> ATTACHED	
REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED.)									
PROPOSED CASING PROGRAM									
AMOUNT				SIZE		WT/FT		CEM.	
<u>700'</u>				<u>4 1/2"</u>		<u>9lbs</u>		<u>surface</u>	
APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST									
AMOUNT				SIZE		WT/FT		CEM.	
				<u>OK</u>				<u>PI</u>	
I, the undersigned, state that I am the <u>Representative</u> of the <u>Petrol O.1 and Gas, Inc.</u> (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.									
SIGNATURE <u>John Coff</u>						DATE <u>3/22/2004</u>			
PERMIT NUMBER <u>20752</u>						<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED			
APPROVED DATE <u>3-29-04</u>						<input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN			
						<input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN			
						<input checked="" type="checkbox"/> DRILL SYSTEM TEST INFO. REQUIRED IF RUN			
						<input type="checkbox"/> SAMPLES REQUIRED			
						<input type="checkbox"/> SAMPLES NOT REQUIRED			
						<input type="checkbox"/> WATER SAMPLES REQUIRED AT			
NOTE: THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.									
APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE.									
I, _____ of the _____ Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.									
DRILLER'S SIGNATURE						DATE			

MO 780-0211 (9-01)

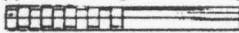
REMIT TWO COPIES TO: MISSOURI OIL AND GAS COUNCIL, P.O. BOX 250, ROLLA, MO 65402

# WELL LOCATION MAP

IN THE SOUTHEAST QUARTER  
OF SEC. 14, TWP. 45, RNG. 30 W  
CASS COUNTY, MISSOURI



400 0 400



SCALE: 1" = 400'

THIS IS TO CERTIFY THAT I HAVE EXECUTED A SURVEY TO ACCURATELY LOCATE OIL AND GAS WELLS IN ACCORDANCE WITH  
TO CSN 90-2.030 AND THAT THE RESULTS ARE CORRECTLY SHOWN ON THE ABOVE PLAT.

FOR: PETROL OIL AND GAS, INC.

**HUFFMAN & ASSOCIATES**  
Land Surveyors

P.O. Box 661  
Raymore, Missouri 64083  
(816) 322-4544

8424 Clint Drive  
Belton, Missouri 64012  
Fax: 331-4030



SECTION	TOWNSHIP	RANGE	COUNTY	STATE
14	45 N	30 W	CASS	MISSOURI

25 MAR 2004

037-20752

**M.O.K.A.T. DRILLING**  
Office Phone: (620) 879-5377



P.O. Box 590  
Caney, KS 67333

**RECEIVED**

Operator PETROL OIL & GAS Well No. 14-1 Lease DOUG ROTH Loc. 1/4 1/4 1/4 Sec. 14 Twp. 45 Rge. 30

County CASS

State MO

Type/Well

Depth 670'

Hours

Date Started 3-22-04

Date Completed 3-23-04

Job No.

Casing Used 44' 11" OF 8 5/8"

Bit Record

Driller

BILLY

Cement Used

6 3/4"

Driller

Rig No.

2

Driller

Hammer No.

### Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	3	DIRT	244	245	BLACK SHALE	460	544	SAND			
3	4	LIME	245	247	COAL	544	560	BLACK SHALE			
4	6	CLAY	247	256	LIME	560	573	SHALE			
6	7	COAL	256	269	LIME	573	575	SAND			
7	12	CLAY	264	269	WENT TO WATER	575	587	SOFT SHALE			
12	13	LIME	269	271	LIMEY SHALE	587	591	SANDY SHALE			
13	16	SHALE	271	278	LIME	591	595	SAND			
16	24	LIME	278	283	BLACK SHALE	595	601	SHALE			
24	26	SHALE	283	285	COAL	601	611	SAND			
26	28	BLACK SHALE	285	287	BLACK SHALE	611	617	SANDY SHALE			
28	30	LIME	287	288	COAL	617	663	SAND			
30	39	SHALE	288	297	SHALE	635	666	LOTS OF FRESH WATER			
39	42	LIME	289	298	GAS TEST NO GAS	663	670	GREEN SHALE			
42	118	SHALE	297	298	LIME	666	670	LIME MISSISSIPPI			
118	119	BLACK SHALE	298	324	SHALE			T.D. 670'			
119	162	SANDY SHALE	324	326	LIME						
162	169	BLACK SHALE	326	338	SOFT LIME						
169	171	SHALE	338	350	SANDY SHALE						
171	173	BLACK SHALE	350	391	SOFT SHALE						
173	188	SHALE	391	392	LIME						
188	189	LIME	392	394	SHALE						
189	193	SHALE	394	404	BLACK SHALE						
193	198	LIME	404	415	SOFT SHALE						
198	202	SHALE	415	429	BLACK SHALE						
202	211	LIME	429	438	SHALE						
211	214	BLACK SHALE	438	439	LIME						
214	219	SOFT LIME	439	442	BLACK SHALE						
219	226	LIME	442	443	COAL						
226	229	LIMEY SHALE	443	455	SHALE						
229	238	BLACK SHALE	455	456	COAL						
238	244	LIME	456	460	SHALE						

037-2072

**WILLIAM T. STOECKINGER**

CERTIFIED PETROLEUM GEOLOGIST  
5742 HAZEL RD. • BARTLESVILLE, OKLAHOMA 74006  
PHONE: (918) 333-7775 • FAX: (918) 333-2224

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37-26752

FEB 15 2008

Mo Oil & Gas Council

**DOUG ROTH 14-1**

**WELL NAME:** Doug Roth 14-1

**LOCATION:** NESWSE Section 14, 45 N- 30 W , Cass County, Missouri.

**ELEVATION:** 970' , Surveyed

**TOTAL DEPTH:** 670' feet at 1000 hours, March 23, 2004.

**SPUDED:** March 22, 2004

**CASING:** 8 5/8" to 40 feet, and 4.5" production casing.

**HOLE SIZE:** 11 1/4" to 40 feet, and 6 3/4" to TD using button bit, air rig.

**LOGS RUN:** Induction, Density- Gamma Ray-Neutron in open hole using Superior of Hominy, OK.

**DRILLING CONTRAC.** Mokat Drilling of Caney, KS. using Schramm air rig.

**OPERATOR:** Petrol Oil and Gas, Inc. of Las Vegas, NV.

**SUPERVISION:** Stoeckinger, Geologist & Gary Bridwell of Petrol Oil and Gas.

**STATUS:** 4.5" casing run and cemented to surface, waiting on orders.

**FORMATIONS TOPS:** Lexington 244'; Summit 280'; Mulky 296'; Squirrel sand 340 (20'); Bevier coal 380 (1'); Croweburg coal 396' (2'); Fleming/Mineral coal 442 (2'); Weir coal 455' (2'); Bartlesville sand 480' (60'), Burgess sand 595' (60'); Mississippi green shale at 660'.

**CONCLUSIONS:** No gas shows seen, both Summit and Mulky are black shale without coal. But the shales are very gassy based on plastic bag tests at wellsite. Best coal seams are about two feet thick, and gassy.

**RECOMMENDATION:** Perforate and test coals for gas.

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## OIL AND GAS SHOWS

Mo Oil & Gas Council

There was no show of oil and no show of gas to the surface.

A lighted flare was placed in the blewy line while drilling. Nothing that would burn came from this well at any time. Simple hand checks in the blewy line confirmed the lack of gas on the hole. Both the Bartlesville and Burgess sands are thick, very porous, and produced abundant water while drilling.

## FORMATION EVALUATION

Over the interval from 160 to 300 feet there are at least 8 thick, highly radioactive shales. None, however, contain coal based on the Density log. The gross total thickness of these organic rich shales approaches 46 feet. And might be a target for shale gas, however, they did not produce measurable gas while drilling.

The Bevier, Croweburg, Fleming and Weir coals are well developed and gassy based on samples collected at the wellsite and sealed in plastic bags and/or canisters.

Both the Bartlesville and Burgess sands are thick, porous, and contain abundant amounts of fresh water. A "gas effect" produced by the Neutron-Density cross-over is seen over most of the sands. Based on the Induction log, all sands are water wet. This is confirmed by the fact that huge amounts of water (several thousands barrels per day) were coming from the well. Based on log work it appears that the water salinity is about 9,000 PPM salt, and probably not suitable for irrigation. In any event, the landowner said the flow was not sufficient for irrigation purposes.

## OPERATIONS

The well is sited on top of a prominent hill and access will be difficult on inclement days. The top soil is black gummy clay on top of 3 feet of yellow gumbo-like clay which rests on thin very black organic shale similar to what we see in the Mulky (Excello) shale. An attempt to spud the well Monday morning was thwarted by the surveyors who did not complete their work until 1300 hours at which time the well spudded and 40 feet of surface casing was set and cemented to the surface with 8 sack of cement. Drilling continued rapidly to 414 feet and stopped for night fall. At 0700 hours Tuesday, March 23 drilling resumed after a heavy rain during the night. Thick water sands produced so much water that the down hole hammer almost watered out. Total depth was reached at 0930 hours at 670 feet in the green shales and limes of the Mississippi formation.

W.T. Stoeckinger  
Certified Petroleum Geologist # 1237 (AAPG)



CONSOLIDATED OIL WELL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

037-20752  
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TICKET NUMBER **32788**  
LOCATION Chanute  
FOREMAN Dwayne

**TREATMENT REPORT**  
Mo Oil & Gas Council

14-1

DATE 3/24/04	CUSTOMER # 6267	WELL NAME Long Apts	FORMATION
SECTION 14	TOWNSHIP 45	RANGE 30	COUNTY Cass
CUSTOMER Retro Oil and Gas			
MAILING ADDRESS			
CITY			
STATE		ZIP CODE	
TIME ARRIVED ON LOCATION 9:45			

WELL DATA	
HOLE SIZE 6 3/4	PACKER DEPTH
TOTAL DEPTH 670	PERFORATIONS
	SHOTS/FT
CASING SIZE 660'	OPEN HOLE
CASING DEPTH 10.5	
CASING WEIGHT	TUBING SIZE
CASING CONDITION	TUBING DEPTH
	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA Cement Pump	

TRUCK #	DRIVER	TRUCK #	DRIVER
164	Brad		
144	Joe		
	Richard		

OWC Cement

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input checked="" type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input checked="" type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISP. PUMP	<input type="checkbox"/>
<input type="checkbox"/> OTHER	<input type="checkbox"/>

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

**INSTRUCTION PRIOR TO JOB**

Barrel Dye the Switch to Cement Pump 105 Sacks to get Plug Set  
up and wash out Pump then Pump Washer Plug to Bottom and Set Flat Shoe

AUTHORIZATION TO PROCEED

TITLE

DATE

TIME AM / PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
11:20	5						BREAKDOWN PRESSURE
							DISPLACEMENT
							MIX PRESSURE
							MIN PRESSURE
							ISIP
							15 MIN.
							MAX RATE
							MIN RATE



**CONSOLIDATED**  
OIL WELL  
SERVICES  
AN INFINITY COMPANY

211 W. 14TH STREET, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

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TICKET NUMBER 24242

LOCATION Chanute

FIELD TICKET Gas Council

DATE 3/24/04	CUSTOMER ACCT # 6267	WELL NAME Doug Roth	QTR/QTR	SECTION 14	TWP 45	RGE 30	COUNTY Coss	FORMATION
CHARGE TO Petrol oil and Gas				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401-20	15+ of 2 wells	PUMP CHARGE Cement Pump		525.-
1118.20	3 Sacks	Prem Gel Ahead of Job	11.80	35.40
5609.20	1 HRL.	PUMP TRUCK. WASH CASING.		120.-
1118.20	6 Sks.	Prem. Gel. (Hole Condition)		70.80
4404.10	1	4 1/2 Rubber Plug		27.-
1107.20	1	FLUORAL		37.75
5407.20	70 mi.	BLENDING & HANDLING TON-MILES Delivery		190.-
		STAND BY TIME		
		MILEAGE		
5502.10	4 hr	WATER TRANSPORTS VACUUM TRUCKS		300.-
		FRAC SAND		
1126.20	105	CEMENT OWC Cement		1186.50
1126.20	5	OWC - additional by weight pack Ottawa Camp		56.30
		SALES TAX 10%		56.30
		ESTIMATED TOTAL		2652.11

Ravin 2790

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN

CUSTOMER or AGENT (PLEASE PRINT)

DATE



# CONSOLIDATED OIL WELL SERVICES, INC.

ARLINGTON COMPANY  
211 W. 14th, P.O. Box 984, Charlotte, KS 66620 • (204) 51-9210 • 1-800-467-8676

OIL & GAS INC  
RY BRIDWELL  
X 1404  
NDENCE KS 67301

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Oil & Gas Council

CONSOLIDATED OIL WELL SERVICES  
3667 PAYSPIRE CIRCLE  
CHICAGO IL 60674

TERMS: Net 30 Days  
A Finance Charge computed at 1%  
per month (annual percentage rate of  
12%) will be added to balances over  
30 days.

E REFER TO THIS ACCOUNT NUMBER WHEN MAKING INQUIRIES				LEASE AND WELL NO.		DATE OF JOB		JOB TICKET NO.			
P.O. NO.		LOCATION		DOUG ROTH 14-1		03/24/2004		14242			
NO.				DESCRIPTION							
				CEMENT PUMPER							
				PREMIUM GEL							
				MISC PUMP CEMENT TRUCK							
				PREMIUM GEL							
				4 1/2" RUBBER PLUG							
				FLO-SEAL (25#)							
				BULK CEMENT DELIVERY/MIN BULK DEL							
				80 BBL VACUUM TRUCK							
				OIL WELL CEMENT							
				OIL WELL CEMENT							



B & B COOPERATIVE VENTURES

302 SOUTH 16TH  
BURLINGTON, KS 66839

037-20752

# Invoice

Date	Invoice #
3/24/2004	565

Bill To
PETROL OIL & GAS INC. PAUL BRANAGAN 2300 EAST PATRICK LANE, STE 26 LAS VEGAS, NV 89119

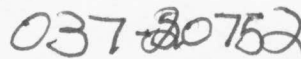
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Lease	Terms	Project
DOUG ROTH #14-1		

Item	Rate	Description	Cost	Amount
PULLING UNIT #1	6.5	WELL NO. 14-1 PULLING UNIT SERVICE - 3/24/04 DROVE TO LOCATION. SET UP RIG. TALLIED 4 1/2" TUBING. RAN IN 4 1/2" WITH FLOAT SHOE. HUNG PIPE ON CLAMP AND CEMENTED WELL TO SURFACE.	80.00	520.00
POWER TONGS		POWER TONG USAGE	40.00	40.00
VAC TRUCK - 87	6.5	VACUUM TRUCK SERVICE - 3/24/04 LOADED WATER. HAULED TO LOCATION. WAITED FOR PIPE TO RAN IN WELL. USED WATER OFF OF TRUCK TO CEMENT WELL.	65.00	422.50
Thank you for your business.			Total	\$982.50



# Oil & Gas Council

037-20752



Direct All Questions To:  
Superior Well Services  
Black Lick, Bradford, or Fredonia

Voice: (724)465-8904  
Fax: (724)465-8907

# INVOICE

Invoice No. 26-000712  
Date 3/30/2004  
Shipper ID S0009340  
Order Type Sales  
Customer ID PETRO9

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Sold To:  
PETROL OIL & GAS, INC  
PO BOX 1404  
INDEPENDENCE, KS 67301

PAGE 1

ORDER DATE	TERMS	LEASE	SITE
3/23/2004	30 Days	Doug Roth 14-1	26

ART NUMBER	DESCRIPTION	UNITS	QTY SHIPPED	PRICE	DISC %	EXT. PRICE
60-200-0001	MILEAGE DOT UNITS	UT-MI	220.00	4.10	25.00	676.50
60-240-0001	GAMMA RAY	FT	669.00	0.28	25.00	140.49
60-240-0002	SIDEWALL NEUTRON	FT	669.00	0.28	25.00	140.49
60-240-0003	COMPENSATED DENSITY	FT	669.00	0.28	25.00	140.49
60-240-0004	DUAL INDUCTION	FT	669.00	0.28	25.00	140.49
60-240-1000	SERVICE CHARGE	FT	1.00	999.92	23.84	761.54

## Please Remit Payment to:

Superior Well Services, Ltd.  
P.O. Box 360469  
Pittsburgh, PA 15251-6469

Check No:

Sales Total	2,000.00
Shipping & Handling	0.00
Misc. Charges	0.00
Tax Total	0.00
	<hr/> 2,000.00
Less Paid Amount	0.00
<b>TOTAL</b>	<b>2,000.00</b>

037-20752

**M.O.K.A.T. DRILLING RIG #2**

P.O. BOX 590  
CANEY, KS 67333

Phone (620) 879-5377 Cell (620) 252-8338

"For All Your Drilling Needs"  
Specializing In Coal Gas

**Invoice**

DATE	INVOICE NO.
3/29/2004	253

**BILL TO**

PETROL OIL & GAS  
Gary Bridwell  
P.O. Box 1404  
Independence, KS 67301

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Mo Oil &amp; Gas Council

WELL NO.	LEASE
14-1	DOUG ROTH

DESCRIPTION	QTY	RATE	AMOUNT
670' DRILLED AT \$6.50 PER FT.	670	6.50	4,355.00
2 SACKS OF PORTLAND CEMENT.	2	10.00	20.00
8 SACKS OF READY MIX CEMENT.	8	5.00	40.00
THANK YOU		<b>Total</b>	\$4,415.00